



## UNITED STATES PATENT AND TRADEMARK OFFICE

UNITED STATES DEPARTMENT OF COMMERCE  
United States Patent and Trademark Office  
Address: COMMISSIONER FOR PATENTS  
P.O. Box 1450  
Alexandria, Virginia 22313-1450  
www.uspto.gov



Bib Data Sheet

CONFIRMATION NO. 6398

|                             |                                       |              |                        |                                     |
|-----------------------------|---------------------------------------|--------------|------------------------|-------------------------------------|
| SERIAL NUMBER<br>10/600,039 | FILING DATE<br>06/20/2003<br><br>RULE | CLASS<br>438 | GROUP ART UNIT<br>2818 | ATTORNEY DOCKET NO.<br>122302.00001 |
|-----------------------------|---------------------------------------|--------------|------------------------|-------------------------------------|

## APPLICANTS

Oliver Chyan, Denton, TX;

Thomas Ponnuswamy, Tualatin, OR;

## \*\* CONTINUING DATA \*\*\*\*\*

This appln claims benefit of 60/393,204 07/02/2002 *uf*

## \*\* FOREIGN APPLICATIONS \*\*\*\*\*

IF REQUIRED, FOREIGN FILING LICENSE GRANTED

\*\* SMALL ENTITY \*\*

\*\* 08/25/2003

|  |                           |                        |                       |                             |
|--|---------------------------|------------------------|-----------------------|-----------------------------|
| Foreign Priority claimed<br><input type="checkbox"/> yes <input checked="" type="checkbox"/> no<br>35 USC 119 (a-d) conditions met<br><input checked="" type="checkbox"/> yes <input type="checkbox"/> no <input type="checkbox"/> Met after Allowance<br>Verified and Acknowledged<br>Examiner's Signature <i>MA</i> Initials | STATE OR<br>COUNTRY<br>TX | SHEETS<br>DRAWING<br>5 | TOTAL<br>CLAIMS<br>46 | INDEPENDENT<br>CLAIMS<br>14 |
|--|---------------------------|------------------------|-----------------------|-----------------------------|

## ADDRESS

Michael G. Cameron  
Jackson Walker LLP  
Suite 600  
2435 North Central Expressway  
Richardson, TX  
75080

TITLE  
METHOD OF MAKING INTEGRATED CIRCUITS USING RUTHENIUM AND ITS OXIDES AS A CU DIFFUSION BARRIER

|                                    |   |   |
|------------------------------------|---|---|
| FILING FEE<br><br>RECEIVED<br>1136 | FEES: Authority has been given in Paper<br>No. _____ to charge/credit DEPOSIT ACCOUNT<br>No. _____ for following: | <input type="checkbox"/> All Fees<br><input type="checkbox"/> 1.16 Fees ( Filing )<br><input type="checkbox"/> 1.17 Fees ( Processing Ext. of time )<br><input type="checkbox"/> 1.18 Fees ( Issue )<br><input type="checkbox"/> Other _____<br><input type="checkbox"/> Credit |
|------------------------------------|---|---|